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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/771,300
		Filing Date	05/03/2001
		First Named Inventor	Lee
		Group Art Unit	3662
		Examiner Name	Blum, T.
Total Number of Pages in This Submission	10	Attorney Docket Number	PD-99W059

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> - Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

RE

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GROUP 3

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Leonard A. Alkov, Esq.
Signature	
Date	01/28/2003

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: **01/28/2003**

Typed or printed name	Leonard A. Alkov
Signature	
Date	January 28, 2003

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Attorney Docket No. PD-99W059

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: J. J. LEE et al : Date: January 28, 2003  
Serial No. 09/771,300 : Group Art Unit: 3662  
Filed: May 3, 2001 : Examiner: T. Blum  
For: CONFORMAL END-FIRE  
ARRAYS ON HIGH  
IMPEDANCE GROUND PLANE

*Coker*  
7-10-07

AMENDMENT

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

*RECEIVED*  
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**GROUP 3600**

Dear Sir:

This Amendment is hereby submitted in the hereinabove-identified Patent Application in response to Office Action, mailed July 31, 2002. Please consider the amendments to the Claims and the Remarks set forth herein.

IN THE CLAIMS

Please cancel Claims 2, 4, and 7, 12, 13, 14, 17, and 19.

Please amend Claim 5 as follows:

*b1*  
5. (Amended) The antenna of Claim 20, wherein the metal plates have a hexagonal shape.

Please amend Claim 8 as follows:

*b2*  
8. (Amended) The array of Claim 20 wherein the radiating elements are spaced along the axis by one-quarter wavelength at a center frequency of operation for the array, and the array provides an end-fire beam in only one direction along the axis.

Please amend Claim 20 as follows:

*b3*  
20. (Amended) A conformal end-fire antenna, comprising:  
a high impedance ground surface structure, comprising an

*cont.*